

Building Design and Construction Manual

PART A – POLICY AND PROCEDURES

CHAPTER 4 – DOCUMENT SUBMITTAL REQUIREMENTS

1.0 General Requirements for OFPM Forms

1.1 Forms required for the Project Architect/Engineer to perform their duties are provided in DOC/DOCX, XLS/XLSX or fillable PDF formats at <https://admin.ks.gov/offices/facilities-property-management/design-construction--compliance/forms-and-documents>. Forms must be executed electronically, they shall be retained in the original format. (i.e. DOC forms are to remain as DOC forms.)

1.1.1 Handwritten forms will not be accepted.

1.2 Forms (No. 050 through 054) shall not be used for a project where procurement of design professional services is not obtained through SBAC.

1.3 Forms (112, 305, 307, 315, 320, 322, 430, 431, 450, 460, 461, 560, 570, 571, General Conditions of the Contract, Supplemental General Conditions) shall only be used for Capital Improvement Projects that bid through OFPM plan room or CMAR/DB per Part B – Chapter 7. These forms shall not be used for any other procurement method.

1.3.1 OFPM address and contact information shall only appear on documents that will bid through OFPM plan room. It shall not appear on documents that are issued for any other procurement method.

1.4 Forms should be downloaded from the OFPM website each time they are used. This will alleviate delay in the processing of paperwork, as documents submitted on outdated forms will be required to be resubmitted on the current version of the form.

1.5 Forms issued **by** OFPM are available at <https://admin.ks.gov/offices/facilities-property-management/design-construction--compliance/forms-and-documents> and listed under OFPM Related are saved in PDF format and are for informational purposes only.

2.0 General Requirements for Submittals

2.1 This chapter outlines the types of document submittals required, when submittals should be provided, the submittal format and general processing information. Technical information required to be provided on the submittals is outlined in other chapters such as code and occupancy requirements in Part A – Chapter 5 and design submittal requirements in Part B – Chapter 5.

2.2 Processes for submittals are based upon how construction is being procured rather than the size of the project.

2.3 For projects bidding through OFPM plan room, all bid document submittal requirements are outlined in Part A – Chapter 6.

2.4 Each submittal shall include an estimate of all construction costs in as much detail as appropriate for the design phase.

2.5 All correspondence including e-mail, letters and shop drawings, shall be identified with OFPM project number, including submittals indicated in this chapter, as well as ancillary service projects, miscellaneous studies/reports or other provided professional design services. The OFPM project number shall be used on all correspondence, drawings, specifications, billings, shop drawings and

- other documents transmitted to OFPM and shall be provided in the subject line of e-mails sent to OFPM.
- 2.5.1 The OFPM project number is a 6-digit number preceded by A-. All six numbers shall be included even if the first number is a zero. (Example: A-010254). The OFPM project number is required to file and properly track the project.
 - 2.5.2 An OFPM project number is required on any project that is required to be sent to OFPM for review.
 - 2.5.3 This number will be assigned by OFPM when the Owner submits a completed Form 935 – OFPM Project Number / Data Request to OFPM (Reference Part A – Chapter 8 for additional information.)
 - 2.5.4 Submittals will not be reviewed if the OFPM project number has not been provided.
- 2.6 Form 120 – Request for Review is **required each time a submittal is forwarded for action or review by OFPM.** The form is required for building code questions/interpretations, code footprint reviews, temporary egress/construction separation reviews, construction document reviews, permit to build review, bid document deliverable reviews, fire alarm and fire suppression shop drawing reviews.
- 2.6.1 If submitting multiple items at one time for review, please send a separate Form 120 for each type of submittal.
 - 2.6.2 If creating a master form for each project, please be sure to update the date in the upper left had corner of the form every time a submittal is sent and select only one type of submittal.
 - 2.6.3 The second page of the form is only required to be completed and submitted with code footprint submittals. Other submittal types do not require the second page.
- 2.7 OFPM will issue comments or acceptance on all submittals. If the submittal is a preliminary or in-progress submittal, comments will be issued. If the submittal is for OFPM action, Form 125 – Project Acceptance will be issued upon acceptance of the submittal.
- 2.8 Electronic Deliverables
- 2.8.1 Documents for review shall be saved in PDF.
 - 2.8.2 PDF documents should be flattened and condensed and saved as a PDF for each drawing sheet. Do not bundle the drawing sheets into one PDF document.
 - 2.8.3 The title of the PDF document should reflect the order in which the drawings are to be displayed by using 3-digit number followed by the sheet number and abbreviated title. Reference Part A - Chapter 6, paragraph 7.3.6 of this manual.
 - 2.8.4 Electronic documents shall be forwarded to OFPM via an e-mail with a link to a Drop-box, OneDrive or other third-party site. Be sure to include a 120 form for each type of submittal.
 - 2.8.4.1 Documents are no longer required to be provided on flash drives.
 - 2.8.5 CAD documents are not required to be sent to OFPM for the review process.

- 2.8.6 CAD files are required to be sent to the Owner as negotiated per the design services contract. All CAD file requirements and submittals must be coordinated with the Owner.
- 2.9 Professional Licensure
 - 2.9.1 All professional licensure shall comply with the Kansas Board of Technical Professions requirements.
 - 2.9.2 The Kansas State Board of Technical Professions recognizes electronic signatures. Specific regulations and standards are available at the KSBTP website at <http://www.ksbtp.ks.gov/statutes-rules/seal-sig-faq>.
 - 2.9.3 Each professional in each discipline that seals original bid drawings for a state Capital Improvement Project shall seal each drawing related to their actual work, and sign and write the current date across each seal.
 - 2.9.4 Each professional in each discipline shall also provide a sheet in the specification manual identifying the portions of the specification for which the professional is responsible. This sheet shall include the professional seal and the signature of the professional and the current date across each seal.
 - 2.9.5 If construction drawings are part of the specification manual, the Kansas State Board of Technical Professions allows the drawings to be sealed in the same manner of the specification manual by providing a drawing sheet (usually the cover sheet) that includes the sheet index to be sealed, signed and dated by each responsible professional.
- 2.10 Copyright and Ownership of Documents
 - 2.10.1 The Agency shall become the owner of all documents prepared pursuant to the contract. The Owner shall also become the owner of the copyright to said documents.
 - 2.10.2 The Owner may use the documents as reference material for subsequent projects within the building or facility without obtaining the consent of the Project Architect/Engineer. The Owner shall not hold the Project Architect/Engineer responsible for claims resulting from these subsequent projects.
- 3.0 General Processing Information on Submittals
 - 3.1 OFPM will review submittals in the order they are received.
 - 3.2 Written review comments will be issued from the OFPM A/E via e-mail to the individuals listed on Form 120 – Request for Review. The Project Architect/Engineer shall “Reply to All” and make the responses in red below the comments and each comment shall conclude with the date of the response and the initials of the person responding.
 - 3.2.1 OFPM may issue their comments on a marked-up PDF of the documents if it is easier to convey the review comments graphically.
 - 3.2.2 It is the responsibility of the Project Architect/Engineer to coordinate the responses and to verify that the comments are being forwarded to the appropriate individuals for response.
 - 3.3 Form 125 – Project Acceptance will be issued when a submittal is fully accepted by OFPM. This will be issued electronically via e-mail to the individuals identified on the Form 120 – Request for Review.

- 3.3.1 On large projects with multiple bid packages or phased construction a Form 125 – Project Acceptance will be issued for each document or bid package.
- 3.4 A Permit to Build will be granted when the code footprint, (if applicable), temporary egress plans, (if applicable); have been accepted by OFPM or OSFM and construction documents have been accepted by OFPM. The Permit to Build is issued by OFPM on Form 125 – Project Acceptance.
 - 3.4.1 On large projects with multiple bid packages or phased construction, a Permit to Build will be issued for each bid package. The Permit to Build on some packages may be issued at the discretion of OFPM, without an approved code footprint on file. These packages may include site utilities, footings and foundations.
- 4.0 Required Document Submittals
 - 4.1 Reference Glossary pages 7 and 8 for flow charts that outline the design, construction administration, submittal and review process for projects bidding through OFPM plan room and for projects that do not bid through OFPM plan room.
 - 4.2 The following submittals may be applicable for OFPM review and action:
 - Code Analysis / Code Footprint Submittal (See Section 5.0)
 - Construction Separation and Temporary Egress Submittal (See Section 6.0)
 - Accessibility Analysis Submittal (See Section 7.0)
 - Schematic Design Submittal (See Section 8.0)
 - Design Development Submittal (See Section 9.0)
 - In-Progress Construction Document Submittal (See Section 10.0 for projects bidding through OFPM plan room)
 - Final Construction Document / Permit to Build Submittal for projects not bidding through OFPM Plan Room) (See Section 11.0 for projects not bidding through OFPM plan room)
 - Bid Document Deliverables / Permit to Build Submittals for project bidding through OFPM plan room (See Part A – Chapter 6 and Section 12.0 of this chapter)
 - Construction Administration Submittals (See Section 13.0)
 - Fire Alarm and Fire Suppression Shop Drawings Submittal (See Section 14.0)
 - Limited Scope Fire Alarm and Fire Sprinkler (See Section 15.0)
 - Deferred Submittals (Includes elevator shop drawings) (See Section 16.0)
 - Submittals for Occupancy/Partial Occupancy (See Section 17.0)
 - Record Document Submittal (See Section 18.0)
- 5.0 Code Analysis / Code Footprint Submittal
 - 5.1 Follow the general submittal and processing requirements per Sections 1.0, 2.0 and 3.0 of this chapter.

- 5.2 Per K.A.R. 22-1-7 OSFM shall review, accept and sign code footprints, temporary egress/construction separation for construction projects for the following agencies:
- 5.2.1 Statehouse,
 - 5.2.2 Kansas Board of Regents,
 - 5.2.3 Kansas State Fair,
 - 5.2.4 Department of Corrections,
 - 5.2.5 Kansas State Schools for the Deaf and Blind,
 - 5.2.6 Kansas Department of Disability and Aging,
 - 5.2.7 Kansas Commission on Veteran's Affairs and
 - 5.2.8 The University of Kansas Health Systems
- 5.3 Per KA.R. 22-1-7 OFPM shall review, accept and sign code footprints, temporary egress/construction separation for construction projects for the following agencies as OSFM is not required to review them:
- 5.3.1 Adjutant General's Department,
 - 5.3.2 Department of Administration,
 - 5.3.3 Kansas State Historical Society,
 - 5.3.4 Department of Labor,
 - 5.3.5 Department Transportation,
 - 5.3.6 Department Wildlife and Parks,
 - 5.3.7 Kansas Bureau of Investigation,
 - 5.3.8 Kansas Highway Patrol,
 - 5.3.9 Department of Commerce and
 - 5.3.10 Kansas Insurance Department.
- 5.4 A code footprint is required to be submitted for all new construction, additions, and building renovation/remodeling affecting active or passive life safety systems or change in occupancy of buildings on State property. ([K.A.R. 22-1-7](#)) (See Part A – Chapter 5 Section 2.0)
- 5.4.1 If a Code Footprint has been prepared for a health care occupancy that is required to comply with Centers for Medicaid/Medicare (CMS), it shall comply with [K.A.R. 28-34-32b](#) & [K.A.R. 22-1-7](#).
- 5.5 OFPM will make an initial determination of the code footprint requirement based on scope of work information provided on Form 935 – Project Number / Data Request. OFPM will indicate on this form if a code footprint is or is not required. A copy of this completed form can be obtained from the Owner.
- 5.5.1 If information is provided on the construction documents that indicate a code footprint is required after initially indicating a code footprint was not required, OFPM will notify the project architect/engineer.
- 5.6 All code footprints for buildings on state property shall be sent to OFPM via e-mail. Upon receipt, OFPM forwards the code footprint to OSFM for review and acceptance. The Project Architect/Engineer shall not send the code footprint directly to OSFM. Misdirected, incorrect and/or incomplete submittals may delay the review process.
- 5.6.1 If the submittal is required to be transmitted via e-mail in other portions of this chapter, the e-mail submission should be sent in a DOC/DOCX-or PDF format.
- 5.7 The code footprint submittal shall be routed separately from the construction documents.
- 5.8 Routing of code footprints shall follow Owner requirements as well as OFPM requirements. Coordinate with Owner regarding their requirements for their review and submittal processes.

- Follow the general submittal and processing requirements per Sections 1.0, 2.0 and 3.0 of this chapter.
- 5.9 Preliminary Code Footprints - Code Footprints can be submitted at any time during design and construction document phases.
- 5.9.1 Preliminary submittals do not require design professional seal or Owner signature and should be submitted by e-mail. Preliminary code footprints will be reviewed only by OFPM. The Office of the State Fire Marshal does not review preliminary code footprints.
- 5.10 Final Code Footprint - The final code footprint shall be submitted when the Project Architect/Engineer has determined the code footprint is in a final form, preferably no later than the end of design development to 30% CD completion. The code footprint must have design professional seal and Owner signature prior to routing to OFPM. Unsealed or unsigned Code footprints will be returned to the agency for completion and not forwarded to OSFM.
- 5.10.1 OSFM reserves 45 days for code footprint review. It is recommended to submit the code footprint prior to completion of construction documents.
- 5.10.2 **Final code footprints** shall be submitted electronically via e-mail as a PDF document.
- 5.11 Code footprint submittals shall be formatted in an 11 x 17 inch, black and white format. Text shall be readable and legible when printed on 11" x 17" paper. The plans on the code footprint shall be scalable. Project Architect/Engineer shall review submission for legibility and completeness prior to submission.
- 5.12 The submittal may be multiple pages. The OFPM project number and building number must be part of the title block of the code footprint. OFPM preference is for the code footprint to utilize the standard title block. (Reference Form 112 – Standard Title Block)
- 5.13 Signature lines shall be included only on the front page for the Owner representative, either OFPM or OSFM and any other signatures required by the Owner.
- 5.14 All graphics shall conform to the standard included on Form 111 – Code Footprint Graphic Legend, available at <https://admin.ks.gov/offices/facilities-property-management/design-construction--compliance/forms-and-documents>.
- 5.14.1 The code footprint graphic legend shall be provided on the code footprint and shall include the graphic symbol, the description, and the protection elements description. Graphic symbols not used on the code footprint can be omitted from the code footprint graphic legend provided on the code footprint.
- 5.14.2 If additional graphic symbols are needed to adequately present the building conditions on the code footprint, the Project Architect/Engineer may add symbols to the legend. Any additions must be shown on the graphic legend on the code footprint and the protection elements described.
- 5.15 Code Footprints shall provide the following code and facility information:
- 5.15.1 Code footprints and revised code footprints, shall include all requirements found in [K.A.R. 22-1-7](#). The second page of Form 120 – Request for Review identifies these requirements.
- 5.15.2 Code footprints shall communicate the condition of the building or area at the completion of the project. If a code footprint is already on file at OSFM, a partial code footprint may be submitted to show only the floor where the work is being completed.

- 5.15.2.1 OSFM reserves the right to ask for an updated code footprint of the entire building.
 - 5.15.3 Applicable codes are to be listed on the code footprint. This includes the codes and editions of the codes. If fire alarm or fire suppression system is installed or modified with the work on the code footprint, NFPA 72 and NFPA 13 and their edition is to be listed under applicable codes.
 - 5.15.4 Known existing conditions that don't meet current building code requirements and not part of the scope of work shall be noted as existing non-conforming.
 - 5.15.5 All new work shall be clearly identified.
 - 5.15.6 All non-conforming conditions disrupted and readily accessible within the area of work shall be corrected as part of the project. Contact OFPM-DCC to determine if existing conditions within the work area must be corrected.
 - 5.15.7 All hazards are to be identified on the code footprint. This is to include hazardous materials and their quantities, any hazardous uses, and any special features such as locking devices being proposed for egress doors (except for I-3 occupancies, where only the condition type need be identified in the code footprint narrative).
 - 5.15.8 Any special agreement or compensatory measures on file with OSFM shall be noted on each code footprint issued for that building and the documentation shall be included in the submission or be made available for review.
 - 5.15.9 Alternative materials, design and methods of construction and equipment should be reviewed with OFPM or OSFM prior to the submittal of the code footprint and shall be identified and justified on the code footprint. See the International Building Code for definition of alternative materials, design and methods of construction and equipment.
 - 5.15.10 Identification of active life safety systems shall be listed as "required / not required" and "provided / not provided" and/or listed as existing non-conforming if applicable. Identify scope of systems provided i.e.: full coverage, partial systems (with locations), or compensatory systems.
- 5.16 Revised Code Footprint Submittal
- 5.16.1 If revisions to information on a previously accepted code footprint occur during construction, the code footprint shall be resubmitted with a revised date and all revisions shall be identified. The revised code footprint is to be accepted by OFPM or OSFM prior to issuance of Form 150 – Certificate of Occupancy.
- 6.0 Construction Separation and Temporary Egress Plan Submittal
- 6.1 Follow the general submittal and processing requirements per Sections 1.0, 2.0 and 3.0 of this chapter.
 - 6.2 If construction is occurring in an existing building when the building is occupied, construction separation and temporary egress plans will be required.
 - 6.2.1 If the work occurs when the building is not occupied, construction separation and temporary egress plans will not be required. Provide a note on the Form 120 – Request for Review indicating the work will occur when the building is not occupied.
 - 6.3 The construction separation and temporary egress plans shall identify the following:

- 6.3.1 Graphically illustrate the construction areas and occupied areas.
 - 6.3.2 Graphically illustrate the separation provided. Indicate (graphically or labelled) all temporary walls. If existing walls are being utilized, describe the wall and indicate if openings are present and the type of protection at the openings.
 - 6.3.3 Egress paths and travel distance shall be identified. Temporary exiting and/or access shall be identified if existing exits are impaired.
- 6.4 The temporary exiting or egress may be identified as part of the code footprint or as a separate plan submission. If a separate plan is submitted, the submission shall be in the same format (page size, title block, project number, building number, etc.) as the code footprint, shall bear the Project Architect/Engineer seal, shall list all applicable codes and saved or printed in an 11 x 17 inch, black and white format.
- 6.4.1 If sent as one PDF document with the code footprint, changes to either the code footprint or temporary egress will require both documents to be resubmitted.
 - 6.4.2 If sent as a separate submission, signature lines shall be included on the front page of the temporary egress plan for the Owner representative, OFPM and OSFM and any other signatures required by the Owner.
 - 6.4.3 Multiple temporary egress plans may be required due to construction phasing.
 - 6.4.4 Revised plans may be required if accepted plan is modified during construction.
- 6.5 The temporary egress plan shall be submitted electronically as a PDF document. Send by e-mail along with Form 120 Request for Review as directed on the form.
- 6.5.1 The PDF shall be a first-generation PDF with a minimum 300 dpi resolution. Maximum size limit is 10MB.
- 7.0 Accessibility Analysis Submittal
- 7.1 Accessibility analyses, including completed path of travel forms for additions/renovations, are to be submitted for all new construction, new additions, and building renovation/remodeling (alterations). Accessibility information shall be shown on the code footprint.
- 8.0 Schematic Design Submittal
- 8.1 Follow the general submittal and processing requirements per Sections 1.0, 2.0 and 3.0 of this chapter.
 - 8.2 Schematic Design submission is not required to be supplied to OFPM.
 - 8.3 For projects not subject to Part B, Owner may require schematic design submittal to be provided to OFPM.
 - 8.4 OFPM encourages Project Architects/Engineers to submit a schematic design package if they have code questions regarding interpretation or code issues requiring resolution. Existing buildings

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generally have non-conforming items that require discussions regarding compliance and application of the building and life safety codes.

9.0 Design Development Submittal

- 9.1 Follow the general submittal and processing requirements per Sections 1.0, 2.0 and 3.0 of this chapter.
- 9.2 For projects subject to Part B, a design development submission shall be sent to OFPM only if a code footprint has been approved for this project.
- 9.3 For projects not subject to Part B, Owner may require design development submittal to be provided to OFPM.
- 9.4 Design development submission may be required for on-call projects subject to Part B – Chapter 4, as directed by the Owner.
- 9.5 OFPM encourages Project Architects/Engineers to submit a design development package if they have code questions regarding interpretation or code issues requiring resolution. Existing buildings generally have non-conforming items that require discussions regarding compliance and application of the building and life safety codes.

10.0 In-Progress Construction Document Submittal

- 10.1 Follow the general submittal and processing requirements per Sections 1.0, 2.0 and 3.0 of this chapter.
- 10.2 In-Progress reviews are to be submitted for OFPM review for the following Capital Improvement Projects and phases. Progress reviews and may include 30%, 50% and 90% or 100% construction document submittals as described below.
 - 10.2.1 If the project is a large project contracted through SBAC, in-progress reviews will be required.
 - 10.2.2 If the project is bidding through OFPM plan room, final progress review sets are required when construction documents are 100% complete. The construction documents shall be forwarded per this chapter.
 - 10.2.3 The bid document deliverables shall not be forwarded as the final review set.
- 10.3 In-progress construction documents to be submitted as follows:
 - 10.3.1 Submit additional documents to Owner as directed.
 - 10.3.2 Submit the PDF documents for OFPM review per Section 2.10 of this chapter. Submit additional documents to Owner as directed by Owner.
 - 10.3.3 100% review documents are not considered Final Construction documents or Bid Documents.

11.0 Final Construction Document / Permit to Build Submittal (for projects **not** bidding through OFPM plan room)

- 11.1 Follow the general submittal and processing requirements per Sections 1.0, 2.0 and 3.0 of this chapter.

- 11.2 To obtain a permit to build for a Capital Improvement building construction Project that is not bidding through OFPM plan room, the following shall be submitted:
 - 11.2.1 Submit one full set of the construction documents to OFPM via an e-mail with a link to a Drop-box, OneDrive or other third-party site. Be sure to include a 120 form for each type of submittal.
 - 11.2.2 Provide additional documents to Owner as directed by Owner.
 - 11.2.3 OFPM reserves the right to request full sized documents for review if half-sized documents are difficult to read.
 - 11.2.4 The specification manual submitted for final construction document / permit to build review shall be sealed, signed and dated by the Project Architect/Engineer.
 - 11.2.5 Each drawing sheet submitted for final construction document / permit to build review shall be sealed, signed and dated by the Project Architect/Engineer.
- 11.3 Once the Permit to Build is issued, the Project Architect/Engineer shall forward to OFPM a complete set of the construction documents.
 - 11.3.1 The electronic set should be transmitted via an e-mail with a link to a Drop-box, OneDrive or other third-party site. Be sure to include a 120 form for each type of submittal.
 - 11.3.2 In addition to the electronic set of construction documents, for larger more complex projects, submit one (1) full-size paper copy of the drawings if the drawings sheets are 24" x 36" and smaller or 2 half sized paper copies if drawing sheets are larger than 24" x 36", The paper submission should include one copy of the specification manual, bound with a cover sheet. Contact OFPM project manager to determine if paper copies will be required.
- 12.0 Bid Document Deliverables / Permit to Build Submittals (for projects bidding through OFPM plan room)
 - 12.1 Follow the general submittal and processing requirements per Sections 1.0, 2.0 and 3.0 of this chapter.
 - 12.2 For projects bidding through OFPM plan room refer to Part A – Chapter 6 for all bid document deliverables and bidding submittal requirements, including processing, formatting, addenda and construction contracts. See Part A – Chapter 3 for Capital Improvement building construction Projects required to bid through OFPM plan room.
 - 12.3 If the bid documents are being sent along with the final review set, provide final review documents per Part A - Chapter 4, Section 11 along with the bid document deliverables as required in Part A – Chapter 6, Section 5.
 - 12.4 Each drawing sheet of the bid documents shall be sealed, signed and dated by the project Architect/Engineer.
 - 12.5 The specification manual of the bid documents shall be sealed, signed and dated by the project Architect/Engineer.
- 13.0 Construction Administration Submittals
 - 13.1 All changes to construction documents that occur during construction shall be submitted for code and accessibility reviews. This would be any action during construction that would affect a building code item and may include but is not limited to: supplemental instructions (ASI) and revisions to

the contract documents (proposal requests and change orders). These submittals can be provided electronically via e-mail. Follow the general submittal requirements for electronic submittals per Section 2.0.

- 13.2 Contract Change Orders - For projects that bid through OFPM plan room, the Project Architect/Engineer shall follow the requirements outlined in Part B – Chapter 6.
- 13.3 Contractor's application for payment - For projects that bid through OFPM plan room, the Project Architect/Engineer shall follow the requirements outlined in Part B – Chapter 6.
- 13.4 Substantial and Final Completion - For projects that bid through OFPM plan room, the Project Architect/Engineer shall follow the requirements outlined in Part B – Chapter 6.
- 14.0 Fire Alarm and Fire Suppression Shop Drawings Submittal
 - 14.1 Follow the general submittal and processing requirements per Sections 1.0, 2.0 and 3.0 of this chapter.
 - 14.2 OFPM, acting on behalf of OSFM will perform reviews of fire alarm and fire suppression shop drawings for all facilities.
 - 14.2.1 In addition to OFPM review, OSFM will review fire alarm and fire suppression shop drawings for Healthcare occupancies that receive Federal Center for Medicare and Medicaid Services (CMS) funding. OFPM will forward Healthcare occupancy shop drawings to OSFM and will receive OSFM's approval prior to OFPM issuing a Project Acceptance for the shop drawings.
 - 14.2.2 OSFM reserves 30 days for shop drawing reviews.
 - 14.3 All Fire alarm and fire suppression systems modifications or installations will require shop drawings unless exempted under the Limited Scope criteria listed in section 15.0 in this Chapter.
 - 14.4 Completed fire alarm and fire suppression shop drawings are to be reviewed and approved by the Project Engineer prior to submittal to OFPM. Submittals not approved by the project engineer and partial submittals will not be reviewed by OFPM.
 - 14.4.1 When the complete shop drawing submittal is approved by the Project Engineer, the Project Architect / Engineer will forward via an e-mail with a link to a Drop-box, OneDrive or other third-party site. Be sure to include a 120 form for each type of submittal.
 - 14.4.2 OFPM reserves the right to request paper copies of the shop drawings.
 - 14.5 A complete **Fire Alarm** shop drawing submittal shall include drawings, battery calculations and product information. The drawing shall illustrate compliance with IBC & NFPA standards and editions. Shop drawings and battery calculations shall be sealed, signed and dated by a Kansas Licensed Engineer per the requirements of the Kansas Board of Technical Professions.
 - 14.6 A complete **Fire Suppression** shop drawing submittal shall include drawings, hydraulic calculations and product information. The drawing shall illustrate compliance with IBC & NFPA standards and editions for the type of submission, i.e. fire sprinklers, standpipes, clean agent, kitchen hood suppression, etc. Shop drawings and hydraulic calculations shall be sealed, signed and dated by a Kansas Licensed Engineer per the requirements of the Kansas Board of Technical Professions.

- 14.7 Project Acceptance Form 125 will be issued after shop drawings have been reviewed and accepted by OFPM (and OSFM for Healthcare) Installation of the system shall not begin until the Project Acceptance has been issued.

15.0 Limited Scope Fire Alarm and Fire Suppression

15.1 Limited Scope Fire Alarm Modifications

- 15.1.1 Fire alarm shop drawings will not be required if the project is for an Owner who has an Agency Engineer or OSFM Commissioned Inspector and are as follows:

15.1.1.1 The Agency Engineer or OSFM Commissioned Inspector will be responsible to review construction documents, witness testing of the modified devices and receive and maintain as-built fire alarm drawings.

15.1.1.2 Scope of work limited to a maximum of 5 new notification devices (that do not appreciably affect the original design) and/or 20 relocated notification devices.

15.1.1.3 The existing layout of devices, relocated and new, must be shown on the Project Engineer's construction documents. All room names must be provided on the engineered construction documents.

15.1.1.4 Verification by the Project Engineer that the additional devices do not overload the existing fire alarm wiring or system capacity.

15.1.1.5 All modifications or additions are performed by or under the supervision of a NICET certified or factory trained installer.

15.1.1.6 As-Built drawings for the entire Fire Alarm system are maintained by the Owner and are updated to reflect the changes.

15.2 Limited Scope Fire Suppression Modifications

- 15.2.1 Suppression shop drawings will not be required if the project is for an Owner who has an Agency Engineer or OSFM Commissioned Inspector and are as follows:

15.2.1.1 The Agency Engineer or OSFM Commissioned Inspector will be responsible to review construction documents, witness testing of the system and receive and maintain as-built suppression drawings.

15.2.1.2 Scope of work limited to no more than 20 sprinkler heads relocated or added, the hydraulic design does not change and no branch piping modifications are required.

15.2.1.3 All new, existing and relocated heads must be shown on the Project Engineer's construction documents. All new sprinkler heads must match existing sprinkler heads. Existing heads shall not be reused when heads are relocated, new sprinkler heads shall be installed. Contact OFPM if existing heads cannot be matched.

15.2.1.4 Project Engineer must verify the modifications have no appreciable impact on the hydraulic design.

15.2.1.5 All installation work is performed by or under the supervision of a licensed sprinkler contractor.

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15.2.1.6 As-built drawings are maintained by the Owner and are updated to reflect the changes.

16.0 Deferred Submittals

16.1 Deferred submittals are defined as those portions of the design that are not required to be submitted with the bid document deliverables submittal or the permit to build submittal. These submittals are required to confirm compliance with the code. Deferred submittals required to be provided to confirm compliance would include elevator shop drawings and any shop drawings required to be sealed by a design professional, such as a metal building or other structural component.

17.0 Submittals for Occupancy

17.1 For final inspection for occupancy the Owner (or his designee) must submit Form 120a – Request for Occupancy at least four weeks prior to construction completion or occupancy. Within 48 hours of receipt, OFPM will review status of required submittals and indicate if the final inspection can or cannot be scheduled. If a final inspection cannot be scheduled, the Owner will be informed of items required to be completed. If final inspection can be scheduled, Form 120a – Request for Occupancy will indicate personnel required to be contacted. The scheduling of OFPM inspector to be per Part A – Chapter 5 – Sections 8.0 and 9.0.

17.2 If occupying a portion of a project: The Project Architect/Engineer shall submit a plan to OFPM indicating area(s) to be occupied, the exiting (permanent or temporary from occupied areas), and indication of separation of occupied areas from construction areas. The Owner will provide this information with Form 120a – Request for Occupancy (See Part A – Chapter 5 – Section 9.0).

18.0 Record Document Submittals

18.1 Projects bid through OFPM plan room shall provide record documents to OFPM as outlined in this section and follow general requirements in Section 2.0 of this chapter. Owners may require submission of record documents if project is not bid through OFPM plan room.

18.2 The electronic copies shall each contain the same set of Record Documents, including but not limited to:

18.2.1 Each discipline's record drawings in PDF format.

18.2.2 A complete set of technical specifications revised to reflect significant changes and attached reports in PDF format and all other documents generated by the Project Architect/Engineer during the bidding and construction phases in PDF.

18.2.3 PDF files of Contractors submitted shop drawings, ASI and RFI documents.

18.2.4 PDF documents should be flattened and reduced in size.

18.2.5 Documents shall be forwarded to OFPM via an e-mail with a link to a Drop-box, OneDrive or other third-party site. Be sure to include a 120 form for each type of submittal.

18.3 Paper copies on vellum and Mylar® and documents saved as PDF's on flash drives are no longer required to be sent to OFPM.

18.3.1 Some Owners may still require paper copies of the record documents for their files. The project architect/engineer shall send paper copies per the Owner's requirements.

END OF CHAPTER